Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT NO. 033897-003	APPLICATION NO. Unassigned		
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Yoshiki HIRANO et al.			
	FILING DATE September 10, 2003	GROUP Unassigned		

		l	J.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document		Issue/Publication Date (MM-DD-YYYY)		
a2,	4,933,551		Bernius et al.		06-12-1990		
all	4,649,278		Chutjian et al. 0		03-1	03-10-1987	
							
		<u> </u>					
				·			
		EO	REIGN PATENT DOCUMENTS				
Examiner	Document	Kind Code	Country	Date of Publica (MM-DD-YYY		Transl Yes	lation No
Initials	Number 06-011485	(if known)	Japan	01-21-199		Abstract Only	
UIL	2001-174437		Japan	06-29-200	1	Abstract Only	
(12,	2001-174437		Japan	12-21-2001		Abstract Only	
a.2.	2001-351568		Japan	12-21-200	7	Abstract Only	
92,	2002-124208		Japan	04-26-200	2	Abstract Only	
a.2.	2002-170518		Japan	06-14-200	2	Abstract Only	
u!							
		NON P	ATENT LITERATURE DOCUMENTS				
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
aiz	Chamistay vol 48 N	Vo 5 nn 825-82	ON OF ALKALI IONS IN CHEMICAL IONIZATIO 9 (1976)				
a.Z.	EMITTER IN MASS	SPECTROMET	SSIUM ION CHEMICAL IONIZATION AND OTHERY", Analytical Chemistry, Vol. 56, No. 3, pp. 396) -4 02 (1904)			
A12.	TOSHIHIRO FUJII ET AL., "CHEMICAL IONIZATION MASS SPECTROMETRY WITH LITHIUM ION ATTACHMENT TO TH MOLECULE", Analytical Chemistry, Vol. 61, No. 9, pp. 1026-1029 (1989) TOSHIHIRO FUJII, "A NOVEL METHOD FOR DETECTION OF RADICAL SPECIES IN THE GAS PHASE: USAGE OF LI+						
12	ION ATTACHMENT	TO CHEMICAL	SPECIES", Chemical Physics Letters, Vol. 191, ACHMENT REACTIONS IN AN ION TRAP MAS	No. 1.2, pp. 162-16	00 (1992	.)	
aiz.	T. FAYE ET AL., "S Communications in	Mass Spectrome	etry, Vol. 13, pp. 1066-1073 (2000)				

Examiner	19	Date 6/25/84
Signature	UIL	Considered 0/2010

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.